

Title

Name1,¹ Name2,¹ and Name3²

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This is a structured abstract.

Background: Why?

Purpose: Why did you do it?

Method: How did you do it?

Results: What did you do and what did you find out?

Conclusions: What does that mean?

Keywords: Keyword1; Keyword2; Keyword3

I. INTRODUCTION

This is a quotation.

II. METHODS

A. Method1

This is for method1. An inline equation $1 + 1 \geq 2$. A numbered equation:

$$F = U - TS \quad (1)$$

A unnumbered equation:

$$H = T + V$$

Multiple equations:

$$\Phi = \frac{1}{c}e^{-ikx} \quad (2)$$

$$|\Phi|^2 = 1 \quad (3)$$

This is introduction. Here is a citation [1].

This is a long equation:

$$(1-x)^n = 1 - nx + \frac{1}{2}(n-1)nx^2 - \frac{1}{6}((n-2)(n-1)n)x^3 + \dots$$

B. Method2

III. RESULTS & DISCUSSION

This is for method2. This is online citation 2.

This is results and discussion. Here is a long table:

TABLE I: This is a table.

| Item | Index | Tag | Name | Value1 | Value2 | Value3 | Notes | Descriptions |
|------|-------|-----|------|--------|--------|--------|-------|--------------|
| A | | a | | u | x | 1 | | note1 |
| B | | b | | v | y | 2 | | note2 |
| C | | c | | w | z | 3 | | note3 |

* author3@email

IV. CONCLUSION

- a. Conclusion1* This is conclusion1.
- b. Conclusion2* This is conclusion2.

ACKNOWLEDGMENTS

Author1 thanks to Author2 and Author3.

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- [1] T. Nishimatsu, U. V. Waghmare, Y. Kawazoe, and D. Vanderbilt, Phys. Rev. B **78**, 104104 (2008), URL <https://link.aps.org/doi/10.1103/PhysRevB.78.104104>.
 - [2] J. Paul, T. Nishimatsu, Y. Kawazoe, and U. V. Waghmare, Phys. Rev. Lett. **99**, 077601 (2007), URL <https://link.aps.org/doi/10.1103/PhysRevLett.99.077601>.

APPENDIX1

This is appendix1.

APPENDIX2

This is appendix2.